



PATENTS  
Attorney Docket No. UV-273

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants : Douglas B. Macrae et al.  
Application No. : 10/717,271 Confirmation No.  
Filed : November 18, 2003  
For : SYSTEMS AND METHODS FOR PROVIDING  
REAL-TIME SERVICES IN AN INTERACTIVE  
TELEVISION PROGRAM GUIDE APPLICATION  
Group Art Unit : Not yet assigned  
Examiner : Not yet assigned

New York, New York 10020  
April 21, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants  
hereby make the following references of record in the above-  
identified patent application:

U.S. Patent Documents

4,694,490	Harvey et al.	9/15/1987
4,704,725	Harvey et al.	11/3/1987

4,908,707	Kinghorn	3/13/1990
4,965,825	Harvey et al.	10/23/1990
4,977,455	Young	12/11/1990
5,047,867	Strubbe et al.	9/10/1991
5,109,414	Harvey et al.	4/28/1992
5,121,476	Yee	6/9/1992
5,210,611	Yee et al.	5/11/1993
5,223,924	Strubbe	6/29/1993
5,233,654	Harvey et al.	8/3/1993
5,335,277	Harvey et al.	8/2/1994
5,353,121	Young et al.	10/4/1994
5,523,796	Marshall et al.	6/4/1996
5,589,892	Knee et al.	12/31/1996
5,617,565	Augenbraun et al.	4/1/1997
5,887,243	Harvey et al.	3/23/1999
6,052,145	Macrae et al.	4/18/2000
6,233,734	Macrae et al.	5/15/2001
6,411,343	Macrae et al.	6/25/2002
6,536,041	Knudson et al.	3/18/2003

#### Foreign Patent Document

WO 94/14282	PCT	6/23/94
WO 94/21085	PCT	9/15/94
WO 95/07003	PCT	3/9/95
WO 00/27122	PCT	5/11/00

#### Other Documents

"Digital On-Screen Displays, A New Technology for the Consumer Interface" by Brugliera, June 10, 1993, 18th International Television Symposium and Technical Exhibition, Montreux(CH)  
XP002013370 Pages 571-586.

"European Telecommunications Standards: Digital Broadcasting Systems For Television Sound and Data Services; Specification for Service Information (SI) in Digital Video Broadcasting (DVB) Systems," December, 1994 (European Telecommunications Standards Institute).

The aforementioned references are listed on the accompanying Form PTO-1449 (submitted in duplicate) and copies are enclosed herewith.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

It is respectfully requested that these documents be (1) fully considered by the United States Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicants request that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

In accordance with 37 C.F.R. § 1.97, submission of this Statement requires no fee. However, if for any reason a

fee is due, the Director of the United States Patent and Trademark Office is hereby authorized to charge payment of any fees required in connection with this Supplemental Information Disclosure Statement to Deposit Account No. 06-1075. A duplicate copy of this Statement is transmitted herewith.

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,

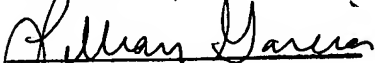


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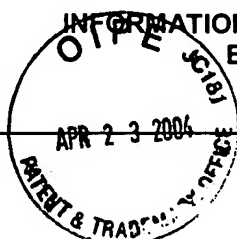
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BY APPLICANTS

APPLICANTS

Douglas B. Macrae et al.

FILING DATE

November 18, 2003



## U.S. PATENT DOCUMENTS

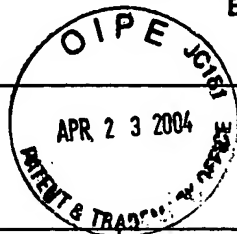
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,694,490	9/15/1987	Harvey et al.	380	234	
	4,704,725	11/3/1987	Harvey et al.	380	242	
	4,908,707	3/13/1990	Kinghorn	358	147	
	4,965,825	10/23/1990	Harvey et al.	380	233	
	4,977,455	12/11/1990	Young	358	142	
	5,047,867	9/10/1991	Strubbe et al.	358	335	
	5,109,414	4/28/1992	Harvey et al.	725	135	
	5,121,476	6/9/1992	Yee	395	154	
	5,210,611	5/11/1993	Yee et al.	358	191.1	
	5,223,924	6/29/1993	Strubbe	358	86	
	5,233,654	8/3/1993	Harvey et al.	725	135	
	5,335,277	8/28/1994	Harvey et al.	380	242	
	5,353,121	10/4/1994	Young et al.	348	563	
	5,523,796	6/4/1996	Marshall et al.	348	589	
	5,589,892	12/31/1996	Knee et al.	725	43	
	5,617,565	4/1/1997	Augenbraun et al.	395	604	
	5,887,243	3/23/1999	Harvey et al.	725	136	
	6,052,145	4/18/2000	Macrae et al.	725	50	
	6,233,734	5/15/2001	Macrae et al.	725	50	
	6,411,343	6/25/2002	Macrae et al.	348	734	
	6,536,041	3/18/2003	Knudson et al.	725	39	

EXAMINER

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicants.

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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 94/14282	6/23/94	PCT	H04N	7/16		
	WO 94/21085	9/15/94	PCT	H04N	7/16		
	WO 95/07003	3/9/95	PCT	H04N	5/782		
	WO 00/27122	5/11/00	PCT	H04N	7/173		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	"Digital On-Screen Displays, A New Technology for the Consumer Interface" by Brugliera, June 10, 1993, 18th International Television Symposium and Technical Exhibition, Montreux(CH) XP002013370 Pages 580-583.
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